Forest Insect & Disease Management

REPORT NO. 80-3-12

Date Issued: 3/31/80

AERIAL DETECTION SURVEY OF FOREST INSECT AND
DISEASE ACTIVITY, CORPS OF ENGINEERS, LAKE HARTWELL & VICINITY

LAND OWNERSHIP OR SURVEY AREA: Corps of Engineers, Lake Hartwell & Vicinity

STATE: Georgia-South Carolina

AREA WITHIN SURVEY BOUNDARY: 8000 acres

DATE: March 11, 1980

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 182

CREW: R. F. Bassett

REPORT PREPARED BY: R. F. Bassett

SURVEY OBJECTIVES

The objective of this survey was to detect infestations of southern pine beetle.

SURVEY RESULTS

Southern pine beetle infestations were observed during the aerial survey. The heaviest concentration of activity was centered near Clemson University lands in Pickens County, South Carolina (See Figure 1). The rest of the damage seemed rather insignificant from the air.

For any additional information, contact

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SOUTHEASTERN AREA, STATE & PRIVATE FORESTRY
USDA FOREST SERVICE, ATLANTA, GA 30309

Figure 1 -- Summary of Aerial Survey Data - Aerial Survey of Lake Hartwell, Georgia-South Carolina.

Ownership	Infestation Size (# Trees)									
	2-5		6-20		21-50		50+		Total	
	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees
Corps of Engineers and private lands	13	47	5	54	6	220	1	100	25[1/]	421

1/ All but five of the spots were near Clemson University.

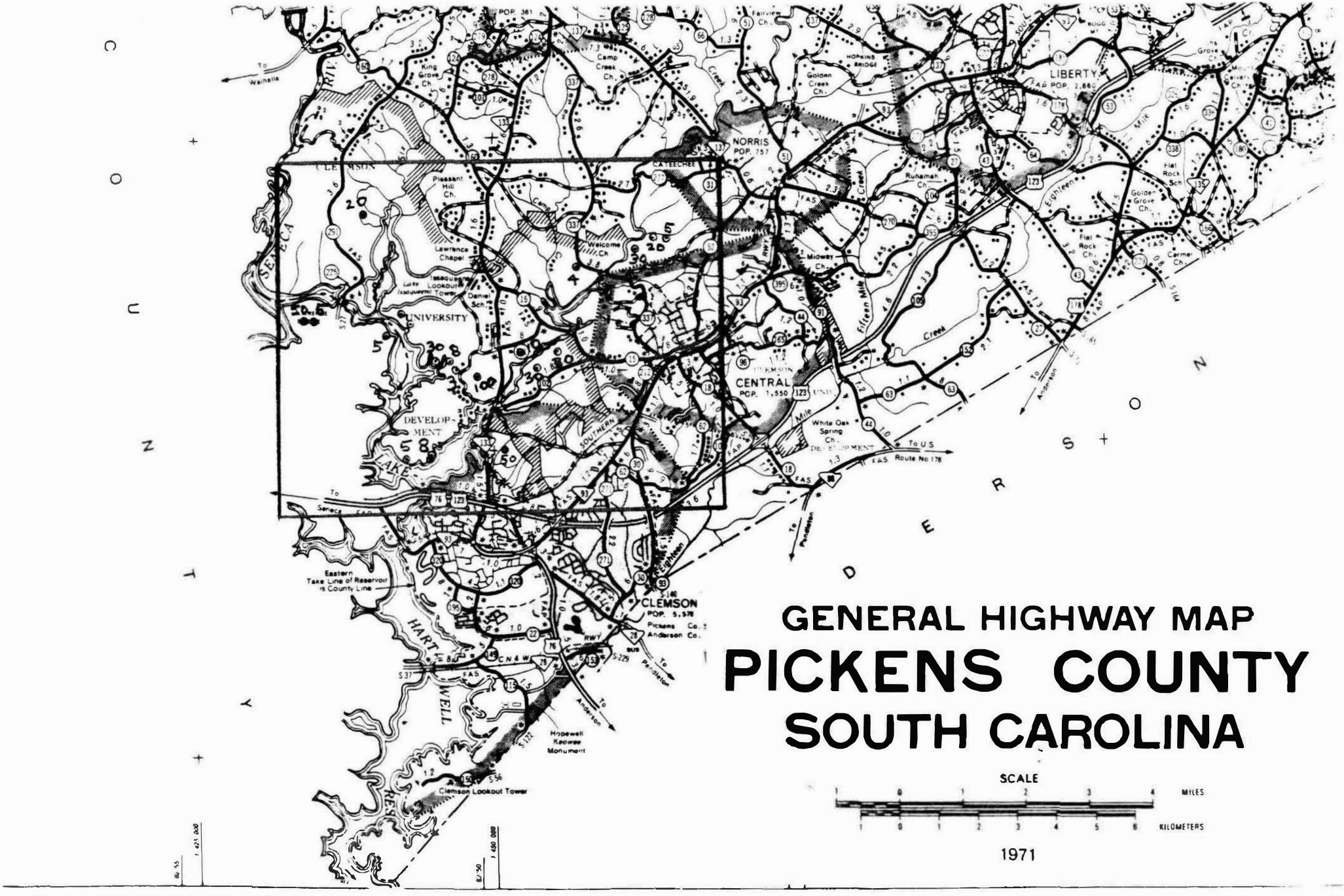

Fig. 1. Area of heaviest pine mortality for aerial survey of March 11, 1980 Lake Hartwell & Vicinity.